

Title (en)  
Continuously-variable, blockable fixing device

Title (de)  
Stufenlos blockierbare Feststellvorrichtung

Title (fr)  
Dispositif de fixation bloquable à variabilité continue

Publication  
**EP 1411266 B1 20051214 (DE)**

Application  
**EP 03020977 A 20030917**

Priority  
DE 10247945 A 20021015

Abstract (en)  
[origin: EP1411266A2] The holding device has a housing (5) and a rotatable shaft (6) projecting from the housing, the latter having a fluid-filled working space coupled to 2 partial chambers (8,9) containing sliding pistons (12,13) driven by a tumble disc (16), which is rotated via the shaft. A control device (19,20) for each partial chamber has a blocking valve (21,22) connecting the partial chamber with the working space and a flow valve (23,24) connecting the working space with the partial chamber.

IPC 1-7  
**F16F 9/56**

IPC 8 full level  
**F15B 15/26** (2006.01); **F16F 9/22** (2006.01); **F16F 9/56** (2006.01)

CPC (source: EP US)  
**F16F 9/22** (2013.01 - EP US); **F16F 9/56** (2013.01 - EP US); **F16F 2232/04** (2013.01 - EP US)

Designated contracting state (EPC)  
DE ES FR GB IT

DOCDB simple family (publication)  
**EP 1411266 A2 20040421**; **EP 1411266 A3 20040818**; **EP 1411266 B1 20051214**; DE 10247945 A1 20040513; DE 10247945 B4 20051229; DE 50301909 D1 20060119; ES 2252603 T3 20060516; JP 2004138245 A 20040513; JP 3984212 B2 20071003; US 2004151599 A1 20040805; US 7331435 B2 20080219

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